



PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **OKAZAKI, Tsuneko, et al.**

Group Art Unit: **Not Yet Assigned**

Serial No.: **10/526,425**

Examiner: **Not Yet Assigned**

Filed: **March 3, 2005**

P.T.O. Confirmation No.: 9673

For: **ARTIFICIAL MAMMALIAN CHROMOSOME**

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

January 9, 2006

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits. The references were cited in the enclosed Supplementary Partial European Search Report. Also, enclosed is the International Preliminary Examination Report dated April 15, 2004.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

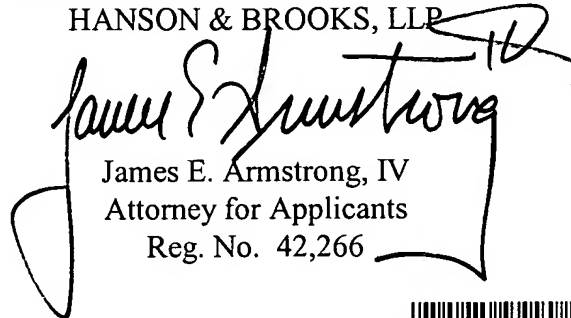
IDS  
Serial No. 10/909,888  
01/09/06  
Page 2



The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS,  
HANSON & BROOKS, LLP

  
James E. Armstrong, IV  
Attorney for Applicants  
Reg. No. 42,266

JAM/cs  
Atty. Docket No. 050126  
Suite 1000  
1725 K Street, N.W.  
Washington, D.C. 20006  
(202) 659-2930



23850

PATENT TRADEMARK OFFICE

Enclosures: PTO-1449 and references (14)

**INFORMATION  
DISCLOSURE  
CITATION  
PTO-1449**

Atty. Docket No. 050126

Serial No. 10/526,425

Applicant(s): OKAZAKI, Tsuneko, et al.

Filing Date: March 3, 2005

Group Art Unit: Not Yet Assigned

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	2002/076811 A1	Okazaki et al.	06/20/02	435	366	12/22/00
_____	AB	6,133,503	Scheffler	10/17/00	800	21	02/17/98

**FOREIGN PATENT DOCUMENTS**

		Document No.	Date	Country	Translation (Yes or No)
_____	AC	WO 02/067665 A2	09/06/02	PCT	
_____	AD				

**OTHER DOCUMENTS**

_____	AE	J. Mejía et al.; "The Assembly of Large BACs by <i>in Vivo</i> Recombination;" <i>Genomics</i> ; Vol. 70; No. 2; pp.165-170; December 1, 2000.
_____	AF	D. Moralli et al.; "Insertion of a <i>loxP</i> site in a size-reduced human accessory chromosome;" <i>Cytogenetics and Cell Genetics</i> ; Vol. 94; No. 3-4; pp.113-120; 2001.
_____	AG	T. Kaname et al.; "Simple and efficient vectors for retrofitting BACs and PACs with mammalian <i>neo<sup>R</sup></i> and <i>EGFP</i> marker genes;" <i>GENE</i> ; Vol. 266; No. 1-2; pp. 147-153; March 21, 2001.
_____	AH	T. Voet et al.; "Efficient Male and Female Germline Transmission of a Human Chromosomal Vector in Mice;" <i>Genome Research</i> ; Vol. 11; No. 1; pp. 124-136; January 2001.
_____	AI	Z. Larin et al.; "Advances in human artificial chromosome technology;" <i>TRENDS in Genetics</i> ; Vol. 18; No. 6; pp. 313-319; June 1, 2002.
_____	AJ	K. Peterson et al.; "Production of transgenic mice with yeast artificial chromosomes;" <i>TRENDS in Genetics</i> ; Vol. 13; No. 2; pp. 61-66; February 1997.
_____	AK	S. Rival et al.; "Cloning, transcription and chromosomal localization of the porcine whey acidic protein gene and its expression in HC11 cell line;" <i>GENE</i> ; Vol. 267; No. 1; pp. 37-47; April 4, 2001.
_____	AL	M. Ikeno et al.; "Generation of human artificial chromosomes expressing naturally controlled guanosine triphosphate cyclohydrolase I gene;" <i>Genes to Cells</i> ; Vol. 7; Nol. 10; pp. 1021-1032; October 2, 2002.
_____	AM	H. Lipps et al.; "Chromosome-based vectors for gene therapy;" Vol. 304, pp. 23-33; January 30, 2003.
_____	AN	A copy of Supplementary Partial European Search Report dated December 12, 2005.
_____	AO	A copy of International Preliminary Examination Report dated April 15, 2004.

Examiner

Date Considered